BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Project Division

E I R L

Name of Work:	**Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02**
Estimate Amount:-	**Rs. 5,00,00,000.00/-**
Name of Contractor:-	**Sri. MADHUSUDAN A N (SURAKSHA ELECTRICALS)**
Approved amount:-	**48819098.43**
Tender premium:-	**4.99% above**

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount in Rupees	Whether item alternate to item in the tender or whether they are additional item (if, in lieu of the same item in the accepted tender such items should be mentioned.	Whether the extra item is included in the sanctioned estimate.	How the extra cost of the item is proposed to be met	Whether the extra item is included in the Schedule of rates of the division. if not, data sheet should accompany the rate list.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E1	Supply and instalations of IP66, 60 watts LED Solar street light with 5 Mtrs long MS pole as detailed specfication Housing ABS Anti-UV Plastic Housing with lence or reflector should not be lessthan 640*250*70mm.Solar Panel 6V 15W High-efficiency polysilicon (Coversion rate 13%) tempered glass laminated.Battery Lithium iron phosphate battery (15Ah / 3.2V)Over Charge Protection Deep Discharge protecton LED Chip 4000-4600lm BEAM Angle 120°Control panel Get dark will turn on, under sunshine will charge energy.5 Mtr Mild Steel Pole of dimension Bottom 2mtr Length 76mm OD and Top 3mtr 60mm OD With 3mm thickness,1mtr 42mm OD Single arm 15 deg welded or bracket to the pole. Base Plate size 220 mm x 220 mm welded at the bottom of the pole Painted with two coats of anticorrosive red oxide and Graffite Grey . suitable for Solar Street Light, includes digging of 1 mtr length and 0.30 mtr dia,1:2:4 bottom concret and 0.3 mtrs above ground level coping complet.	Nos	44.00	38750.00	1705000	ADDITIONAL ITEM	No	General Savings	APPROVED RATE	
E2	Supply and erection of 3 Mtr long Aluminium Pole with 60 watt LED Light made out of extruded alluminium 75x150mm with 3 MM thickness, with same dimention extended diamond shape bent at 45 deg Bracket, Diamond of size 400x780 mm Shaped Curvature suspended from the Bracket. Blue/pinck colour Strip Light should be conduted along the Pole, bracket and Diomend Shape on linear side, Grey Colour Powder Coated, strip wattage 20W, pole is mounted on base Plate of 200x200 with required 4 nos foundation Bolts,templates suitable for cable entry hole of 60mm at the bottom of the Pole. MCB Cutting of 500mm from the bottom of the pole with 12 inches Height.as per the Drawing enclosed. Model name & Make :Diamond Cargo , Emerald Lighting Solutions or any equalent	Nos	5.00	54956.88	274784.3816	ADDITIONAL ITEM	No	General Savings	APPROVED RATE	

Supply and erection of 3 Mtr long Aluminium decorative Pole with 60 watt LED Light fixture of single piece extruded alluminium 75x150mm with 3 MM thickness,self "U" type in built grove for strip lighting with same dimension attached Square arm of size 600x600mm curvature at the top with Two nos of Light, Blue/pinck colour Strip Light should be conduted along the Pole and Square light on liner side, Grey Colour Powder Coated. strip wattage 20W, pole is mounted on base Plate of 200x200 with required 4 nos foundation Bolts suitable for cable entry hole of 60mm at the bottom of the Pole. MCB Cutting of 500mm from the bottom of the pole with 12 inches Height.as per the Drawing enclosed . Model name & Make :Square super . Emerald Lighting Solutions or any equalent	Nos	5.00	42469.13	212345.6728	ADDITIONAL ITEM	No	General Savings	APPROVED RATE	
			TOTAL ERIL AMOUNT	**2192130.05**					

Note: Percentage of Extra item over the sanctioned Estimate=Extra item amount over the approved amount/Amount Put to tender x 100

Total cost as per Approved Amount, Rs =	**48819098.43**
Total cost of EIRL Amount, Rs=	**2192130.05**
Percentage of Worslip =	**EIRL Amount / Approved Amount X 100**
% of EIRL =	**4.49**

Contractor

Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer (Elec)
BBMP, Bangalore

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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ